### PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: ANTHONY J. ZELANO

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. ARLINGTON COUTHOUSE PLAZA 1 2500 CLARENDON BOULEVARD, SUITE 1400 ARLINGTON, VA 22201	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION (PCT Rule 44.1)	
	Date of Mailing (day/month/year) 11 AUG 2003	
Applicant's or agent's file reference	FOR FURTHER ACTION See paragraphs 1 and 4 below	
SIGNUM 1 WO		
International application No.	International filing date (day/month/year)	
PCT/US08/07658	13 MARCH 2008	
Applicant SIGNUM BIOSCIENCES, INC.		
_	al search report has been established and is transmitted herewith.	
Filing of amendments and statement under Artic The applicant is entitled, if he so wishes, to amend	cle 19: the claims of the international application (see Rule 46):	
	nents is normally two months from the date of transmittal of the	
Where? Directly to the International Bureau of 1211 Geneva 20, Switzerland, Facsim	WIPO, 34 chemin des Colombettes ile No.: (41-22) 740.14.35	
For more detailed instructions, see the notes or	n the accompanying sheet.	
2. The applicant is hereby notified that no internation Article 17(2)(a) to that effect is transmitted herewi	al search report will be established and that the declaration under th.	
8. With regard to the protest against payment of (a	n) additional fee(s) under Rule 40.2, the applicant is notified that:	
applicant's request to forward the texts of be	has been transmitted to the International Bureau together with the oth the protest and the decision thereon to the designated Offices.	
no decision has been made yet on the protes	it; the applicant will be notified as soon as a decision is made.	
4. Reminders		
applicant wishes to avoid or postpone publication, a notice of must reach the International Bureau as provided in rules 90 preparations for international publication.	tional application will be published by the International Bureau. If the of withdrawal of the international application, or of the priority claim, bis.1 and 90bis.3, respectively, before the completion of the technical	
	ect of some designated Offices, a demand for international preliminary no the entry into the national phase until 30 months from the priority aux, within 20 months from the priority date, perform the presecribed ed Offices.	
In respect of other designated Offices, the time limit of 30 n	nonths (or later) will apply even if no demand is filed within 19 months.	
See the Annex to Form PCT/IB/301 and, for details about Guide, Volume II, National Chapters and the WIPO Inter-	the applicable time limits, Office by Office, see the ${\it PCT Applicants's}$ net site.	
Name and mailing address of the ISA/US	Authorized officer	
Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	RALPH GITOMER Sello Collins	
Facsimile No. (703) 305-5250	Telephone No. (703) 308-1235	
Form PCT/ISA/220 (April 2002)★	(See notes on accompanying short)	

#### PATENT COOPERATION TREATY

## **PCT**

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

		e (day/month/year)	(Earliest) Priority Date (day/month/year) 18 MARCH 2002
CIENCES, INC.	n prepared by this Interna		18 MARCH 2002
al search report has bee			
	ts of a total of 3_shee	rnational Bureau.	hority and is transmitted to the applicant
gged to the language, get in which it was get in which it was feel to terrational search we introduced to the season of the seas	unless otherwise indicated is carried out on the basis and/or amino acid sequence listing: tal application in written rnational application in cois a Authority in computer equently furnished writte ation recorded in computer unsearchable (See Box In g. (See Box I).  mitted by the applicant.	under this item.  of a translation of the control o	e international application furnished to this stemational application, the international search m.
text is approved as sub text has been establish. III. The applicant may th report, submit com- of the drawings to be p aggested by the applic	ed, according to Rule 38.2 within one month from the nents to this Authority. Sublished with the abstract ant.	ie date of mailing of	
	al search report consists as a companied by a creport consistency of the language, the property of the language, the property of the language, the language of the language, the language of t	al search report consists of a total of	agard to the language, the international search was carried out on the 1gg in which it was flied, unless otherwise indicated under this item. neternational search was carried out on the basis of a translation of thority (Rule 28.1(b)).  Signard to any nucleotide and/or ammon acid sequence disclosed in the intrinct out on the basis of the sequence listing:  It to the basis of the sequence listing:  It to the transitional application in written form. To the property of the sequence listing of the subsequently to this Authority in computer readable for inhed subsequently to this Authority in computer readable form, statement that the subsequently furnished written sequence listing of tatement that the information recorded in computer readable form is identified. A subsequently furnished written sequence listing of tatement that the information recorded in computer readable form is identified. A subsequently furnished written sequence listing of tatement that the information recorded in computer readable form is identified.  It of invention is lacking (See Box II), to the title, the property of the subsequence of the sub

#### INTERNATIONAL SEARCH REPORT

International application No. PCT/US0s/07658

IPC(7) : US CL : According to	SIFICATION OF SUBJECT MATTER  CO7H 21/04; C12N 9/12; C12Q 1/42, 1/48  485/15, 21, 194; 556/23.2  o International Patent Classification (IPC) or to both	national classificatio	n and IPC	
	DS SEARCHED ocumentation searched (classification system followed	by classification syn	nbols)	
	935/15, 21, 194; 536/23.2	-,	,	
Documentat searched	ion searched other than minimum documentation to	the extent that such	documents are in	ncluded in the fields
	lata base consulted during the international search (no CHEMICAL ABSTRACTS, MEDLINE	ame of data base and	, where practicable	e, search terms used)
C. DOC	UMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where app	propriate, of the rele	vant passages	Relevant to claim No.
Х	US 6,200,768 B1 (MANDELKOW e column 1 last paragraph bridging to colucolumn 7 lines 38-53, column 12 lines 50	ımn 2, column 2	lines 52-55,	1-16
Х	US 6,277,56 B1 (BEACHY et al.) 21 August 2001, see column 2 lines 50-58, column 3 lines 44-59, column 10 last paragraph, column 17 lines 13-29.			1-16
A/E	US 6,376,205 B1 (WISCHIK et al.) 23 April 2002, see column 3 last full paragraph.			1-16
T/P	US 6,541,468 B1 (RODER et al.) 01 Ap 49-55.	pril 2003, see co	olumn 1 lines	1-16
X Furt	her documents are listed in the continuation of Box (	C. See pater	nt family annex.	
"A" do	secial categories of cited documents; comment defining the general state of the art which is not considered the of particular relevance	date and not the principle	in conflict with the app or theory underlying th	
"E" ea	ariier document published on or after the international filing date	considered no	particular relevance; the vel or cannot be conside amont is taken alone	se claimed invention cannot be ared to involve an inventive step
sp	comment which may throw doubts on priority claim(s) or which is ted to establish the publication date of another citation or other secial reason (as specified)	*Y" document of considered to	particular relevance; ti involve an inventive step	ne claimed invention cannot be
m	ocument referring to an oral disclosure, use, exhibition or other same	ob vious to a p	person skilled in the art	
th	ocument published prior to the international filing date but later han the priority date claimed		mber of the same paten	
Date of the	e actual completion of the international search	Date of mailing of		earch report
os JULY		Authorized officer	AUG 2003	er / har to
Box PCT	mailing address of the ISA/US oner of Patents and Trademarks on, D.C. 20231	RALPH GITO		Whens fer

Telephone No.

Facsimile No. (708) 805-3230

# INTERNATIONAL SEARCH REPORT

International application No. PCT/USos/07658

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
Р, Ұ	SCOTT B. Protein Phosphatase 2A Methylation. FEBS Letters 2002. Vol. 518, No. 1-3, pages 1-4.	1-16			
X	FLOER M. Carboxyl Methylation of Protein Phosphatase 2A From Xenopus Eggs is Stimulated by cAMP and Inhibited by Okadaic Acid. Biochem and Biophysical Res Com. January 1994. Vol. 198, No. 1, pages 372-379.	1-16			
X	LEE J. A Specific Protein Carboxyl Methylesterase That Demethylates Phosphoprotein Phosphatase 2A in Bovine Brain. Proc Natl Acad Sci USA. June 1996. Vol. 93, No. 12, pages 6043- 6047, see particularly on page 6046 Fig. 4.	1-16			
A	WU J. Carboxyl Methylation of the Phosphoprotein Phosphatase 2A Catalytic Subunit Promotes its Functional Association with Regulatory Subunits. The EMBO Journal. 2000. Vol. 19, No. 21, pages 5672-5681, see entire article.	1-16			
A	TOLSTYKH T. Carboxyl Methylation Regulates Phosphoprotein Phosphatase 2A by Controlling the Association of Regulatory B Subunits. The EMBO Journal. 2000. Vol. 19, No. 21, pages 5692- 5691, see entire document.	1-16			
Y	WO 01.57535 A2 (RODER) 09 August 2001, see page 5 last paragraph.	1-16			
Y	JP 2000-37188 A (MANDELKOW et al.) 08 February 2000, see abstract.	1-16			
Р, Х	FR 2,827,866 A1 (GARCIA) 31 January 2003, see abstract.	1-16			